

Phospho-BRAF-S445

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 84kDa

Observed MW: Refer to figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding S445 of human BRAF

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

boq

Synonym:

NS7; BRAF1; RAFB1; B-RAF1;

Catalog #: AP0012

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 673

Isotype: IgG

Swiss Prot: P15056

Purity: Affinity purification

For research use only.

Background:

This gene encodes a protein belonging to the raf/mil family of serine/threonine protein kinases. This protein plays a role in regulating the MAP kinase/ERKs signaling pathway, which affects cell division, differentiation, and secretion. Mutations in this gene are associated with cardiofaciocutaneous syndrome, a disease characterized by heart defects, mental retardation and a distinctive facial appearance. Mutations in this gene have also been associated with various cancers, including non-Hodgkin lymphoma, colorectal cancer, malignant melanoma, thyroid carcinoma, non-small cell lung carcinoma, and adenocarcinoma of lung. A pseudogene, which is located on chromosome X, has been identified for this gene.

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